

Fig. 1

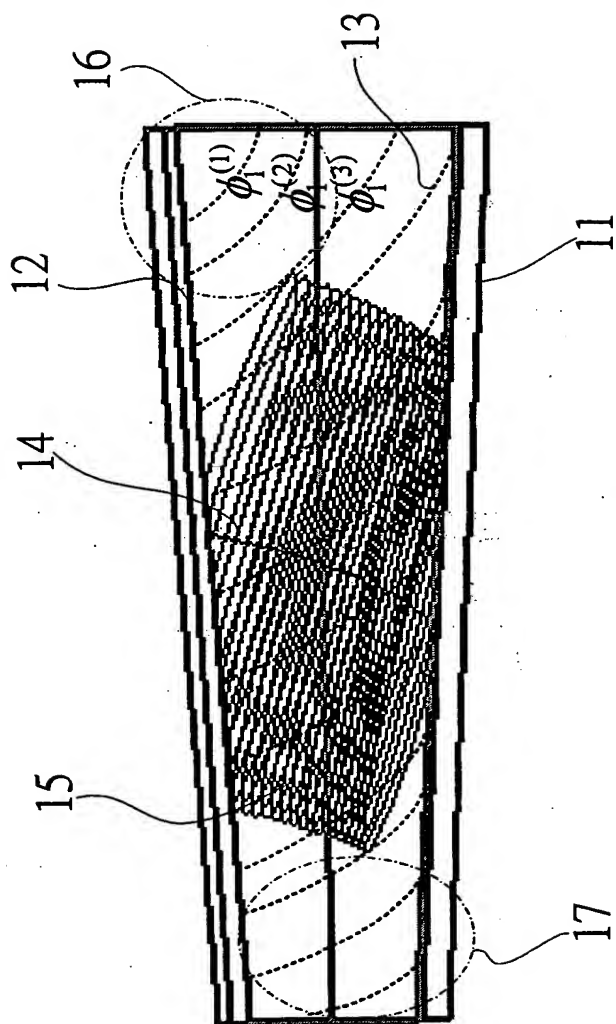


Fig. 2

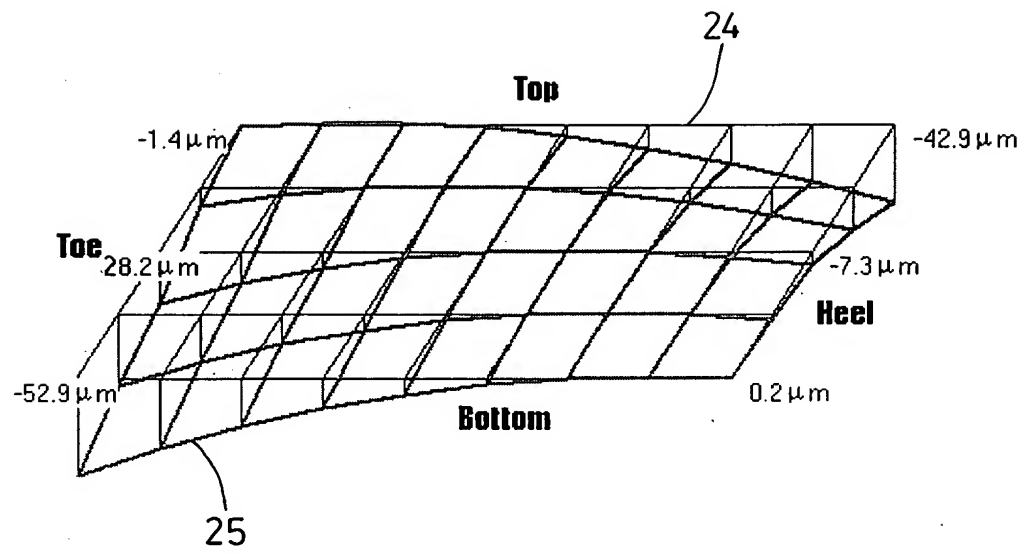


Fig. 4

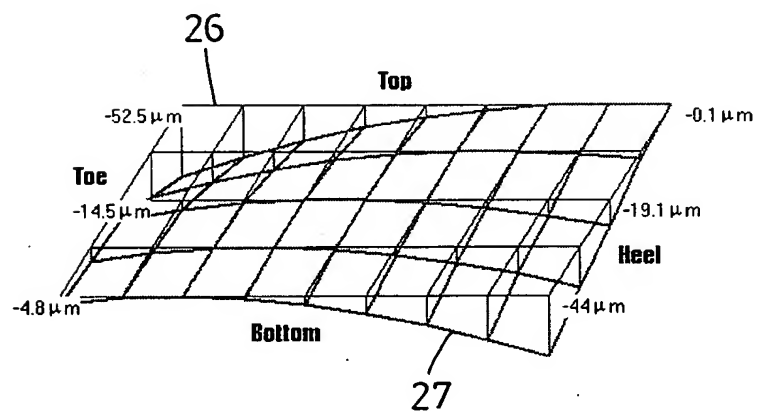


Fig. 5

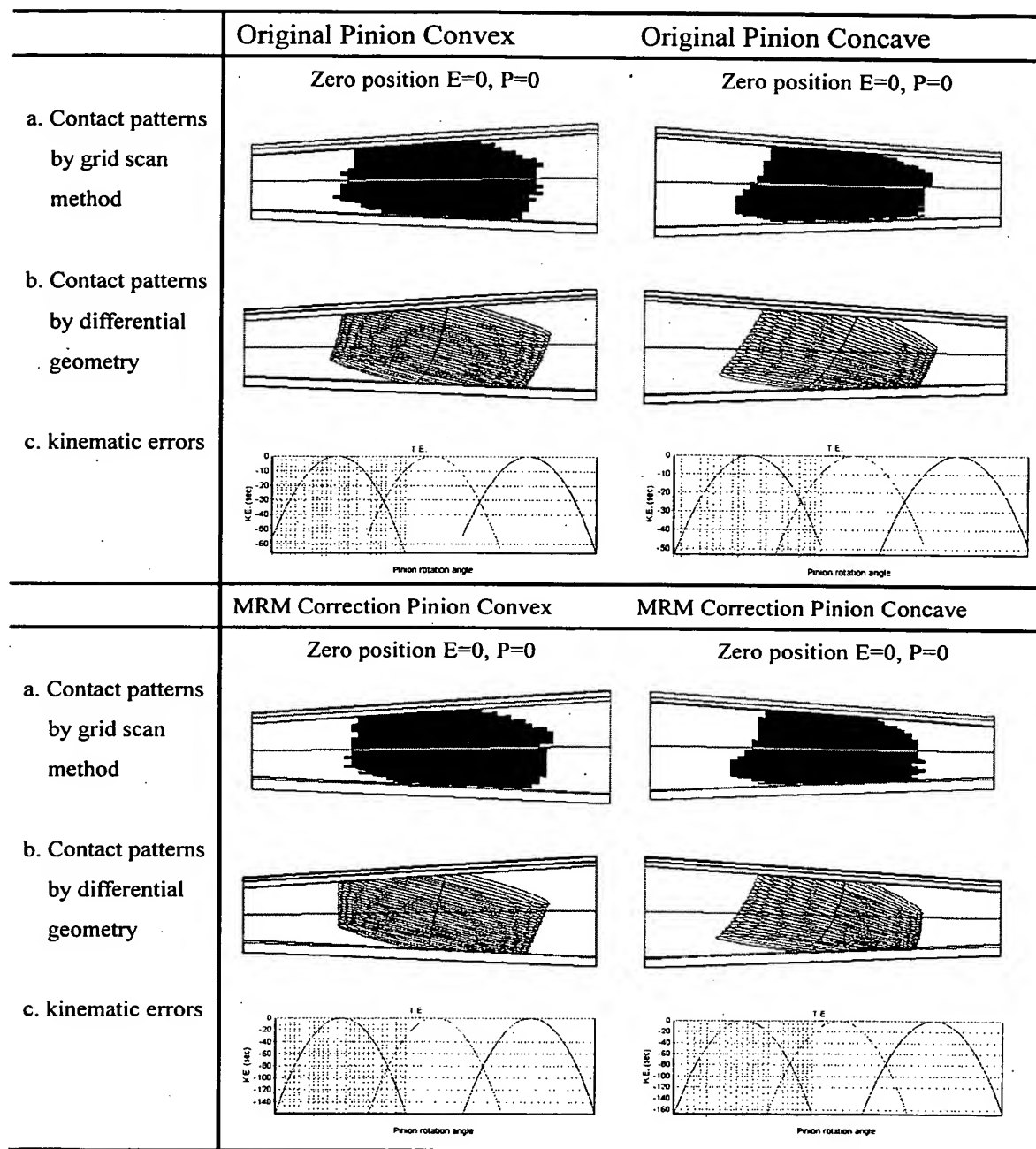


Fig. 6



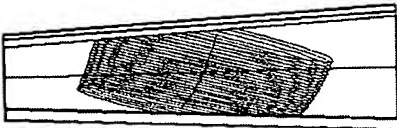
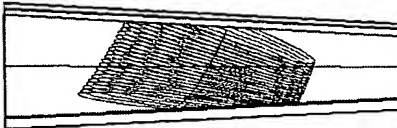
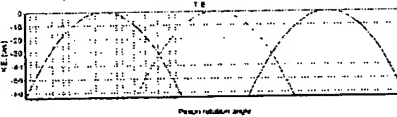
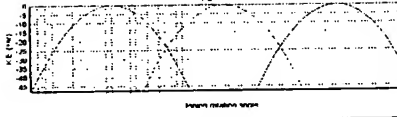
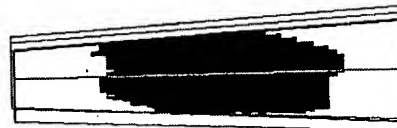
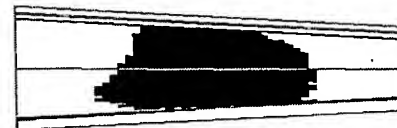
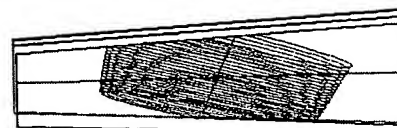
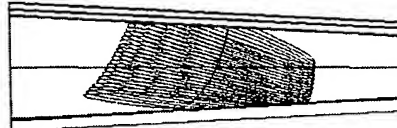
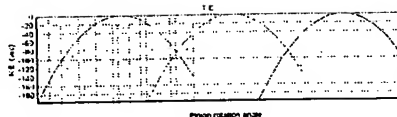
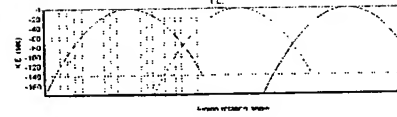
	Original Pinion Convex	Original Pinion Concave
	Mean $E=-0.04135$ $P=0.05438$	Mean $E=-0.02185$, $P=0.021$
a. Contact patterns with grid scan method		
b. Contact patterns with differential geometry		
c. kinematic errors		
	MRM Correction Pinion Convex	MRM Correction Pinion Concave
	Mean $E=-0.05743$, $P=0.10072$	Mean $E=-0.02085$, $P=0.01616$
a. Contact patterns with grid scan method		
b. Contact patterns with differential geometry		
c. kinematic errors		

Fig. 7

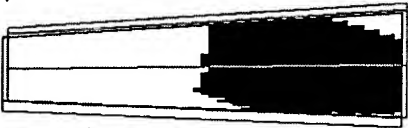
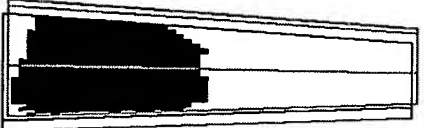
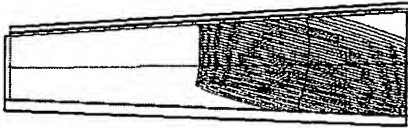
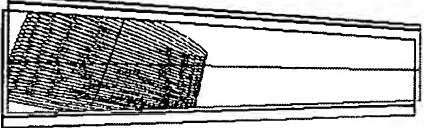
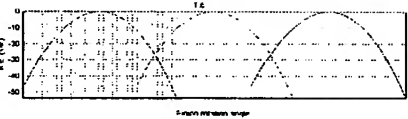
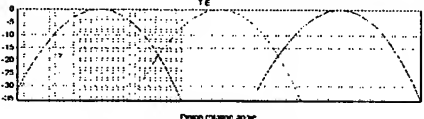
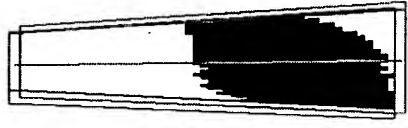
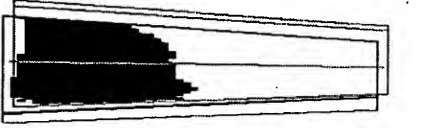
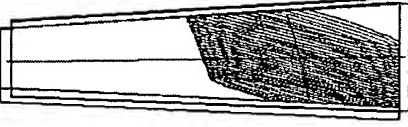
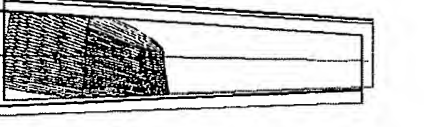
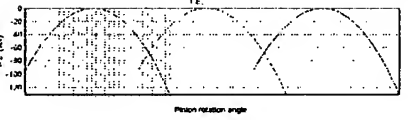
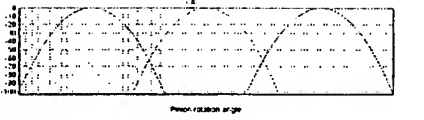
	Original Pinion Convex	Original Pinion Concave
	Heel $E=0.17734$ $P=-0.1782$	Heel $E=-0.22682$, $P=0.19089$
a. Contact patterns with grid scan method		
b. Contact patterns with differential geometry		
c. kinematic errors		
	Correction Pinion Convex	Correction Pinion Concave
	Heel $E=0.26599$, $P=-0.39054$	Heel $E=-0.28242$, $P=0.39892$
a. Contact patterns with grid scan method		
b. Contact patterns with differential geometry		
c. kinematic errors		

Fig. 8

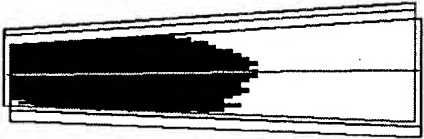
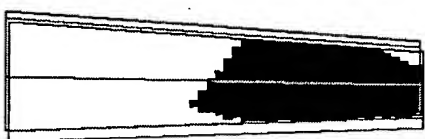
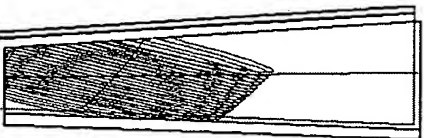
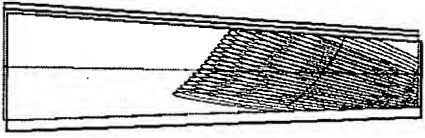

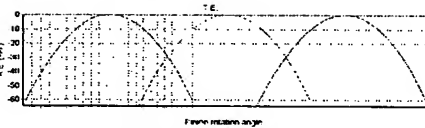
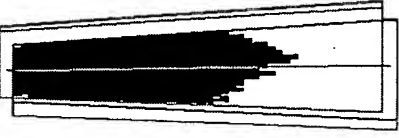
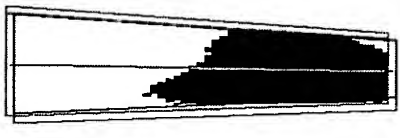
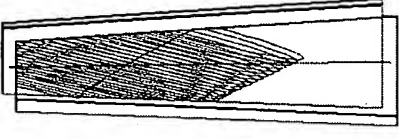
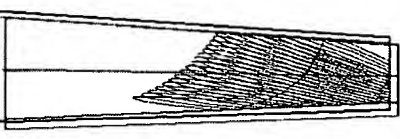

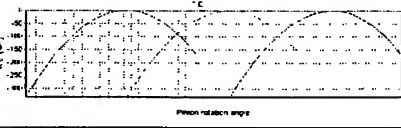
	Original Pinion Convex	Original Pinion Concave
	Toe E=-0.19643 P=0.22794	Toe E=0.12221 P=-0.10699
a. Contact patterns with grid scan method		
b. Contact patterns with differential geometry		
c. kinematic errors		
	Correction Pinion Convex	Correction Pinion Concave
	Toe E=-0.29122, P=0.51505	Toe E=0.14 P=-0.2932
a. Contact patterns with grid scan method		
b. Contact patterns with differential geometry		
c. kinematic errors		

Fig. 9

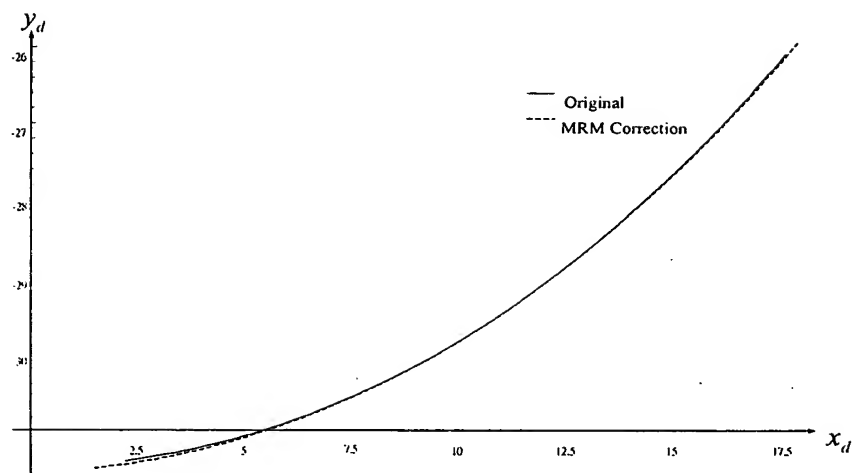


Fig. 10

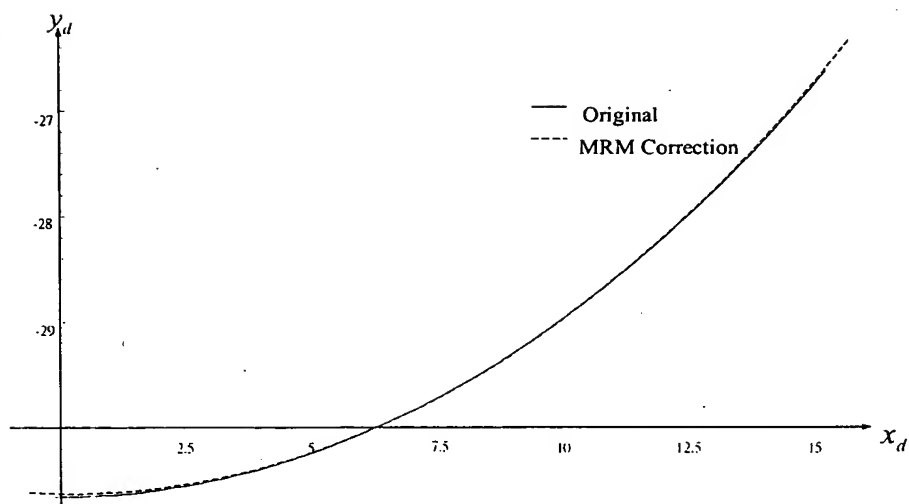


Fig. 11

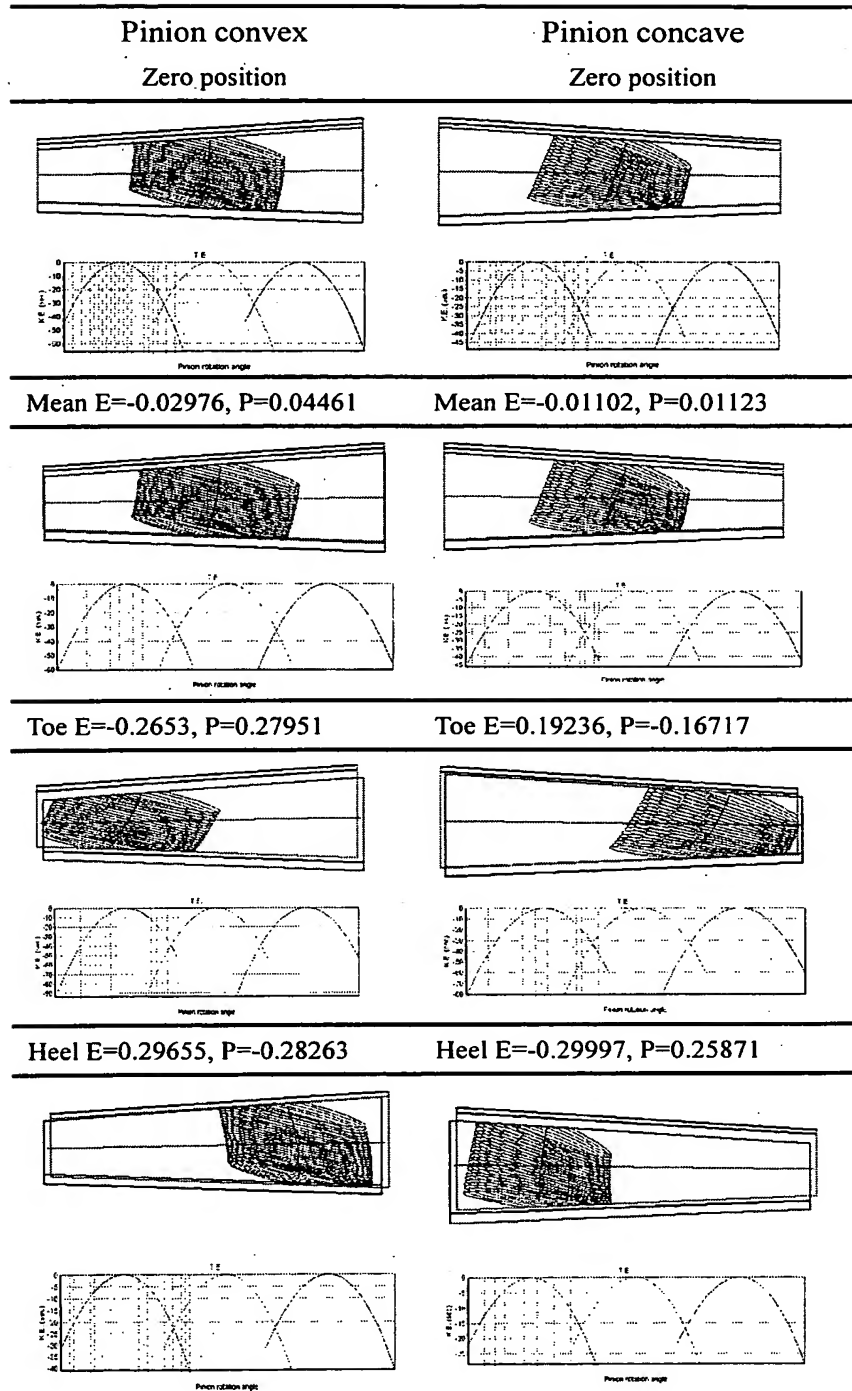


Fig. 12

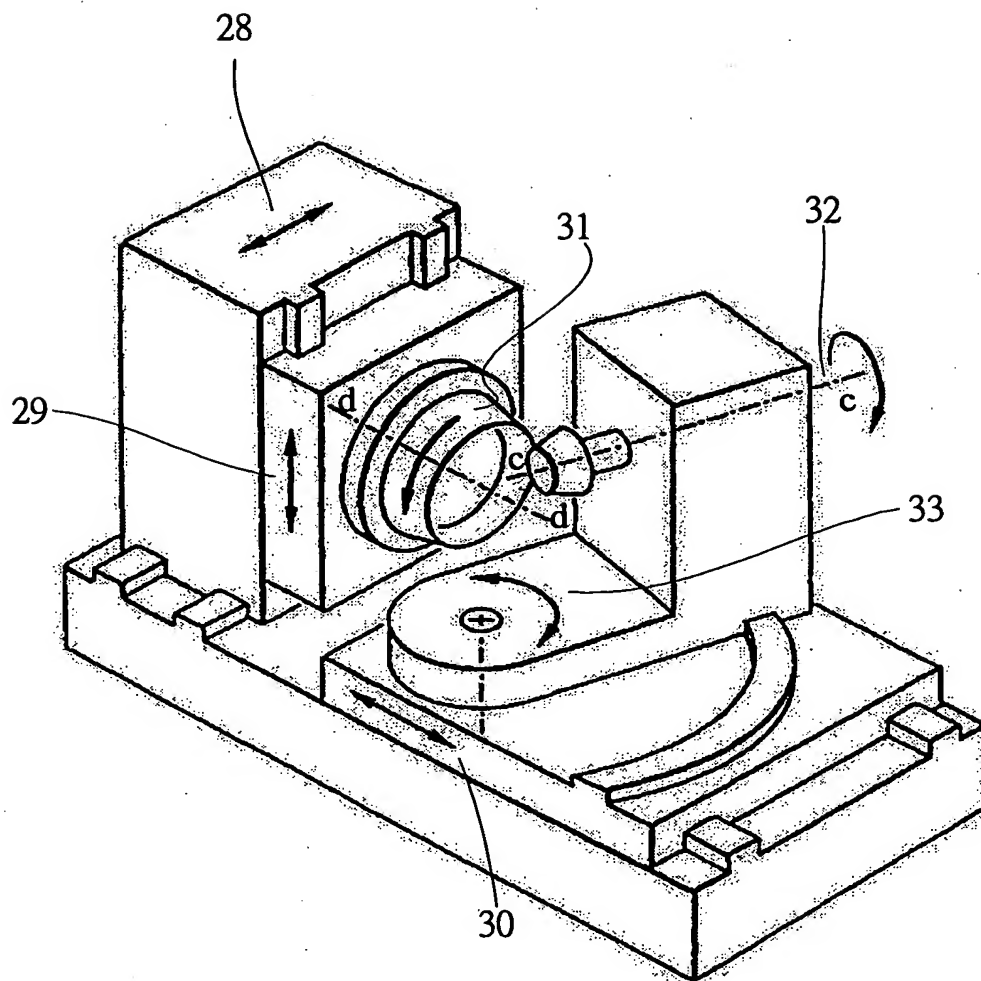


Fig. 13

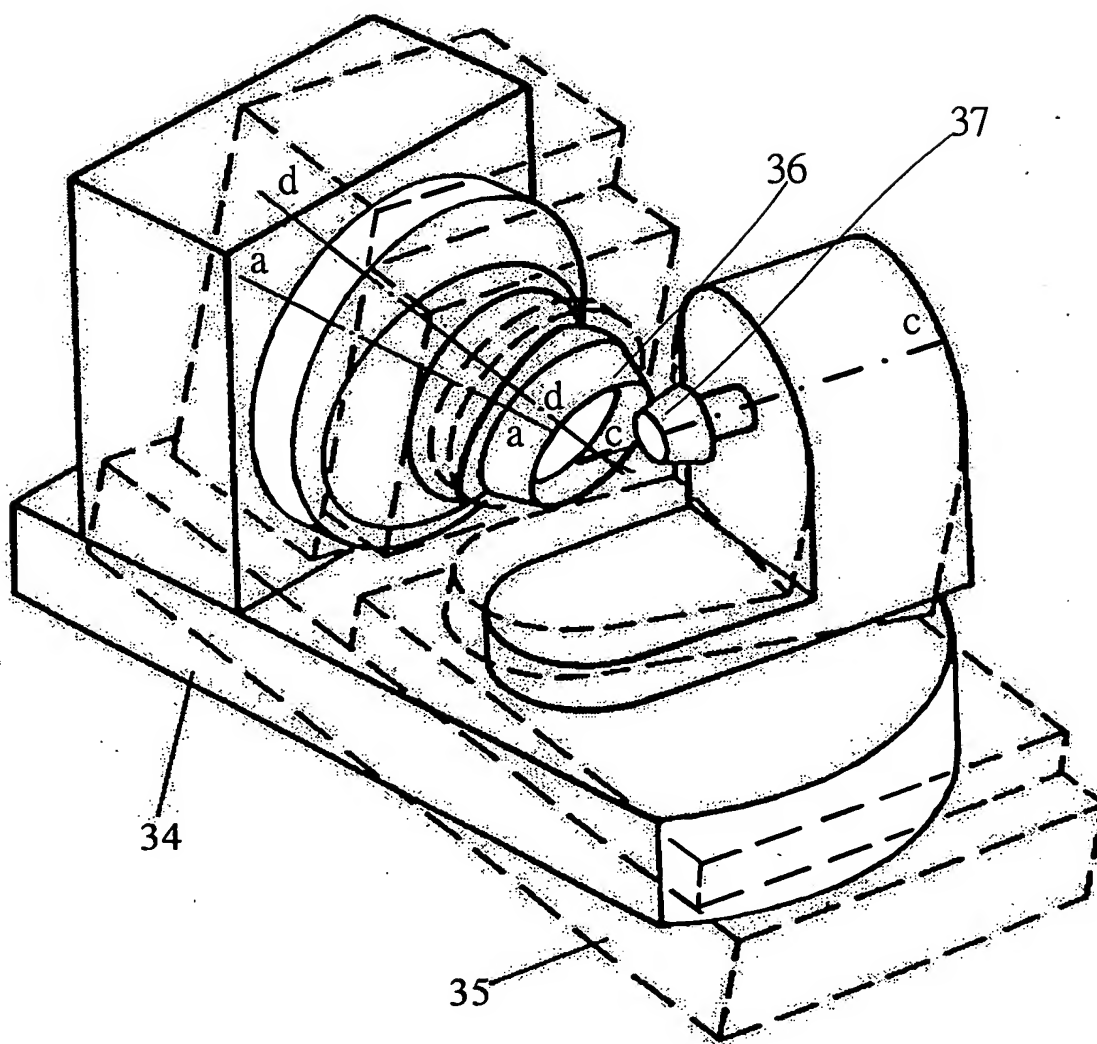


Fig. 14